

March 6, 2002

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Your Reference: 09/985,976  
Our Reference: 10494-49

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**INFORMATION DISCLOSURE  
STATEMENT UNDER CFR.1.56 and CFR 1.97(c)**

The Commissioner of Patents  
and Trademarks  
Washington, D.C.  
U.S.A 20231

Dear Sir:

**Re: United States Patent Application Serial No. 09/985,976**  
**For: SOFTWARE IMPLEMENTED LOUDNESS NORMALIZATION...**  
**Filed: November 7, 2001**  
**Applicant: Cornelisse**

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This Information Disclosure Statement is filed, to the knowledge of the applicant, prior to the mailing of a final action or Notice of Allowance. As required by 1.97(c)(1), the Examiner is advised that each item of information in this Information Disclosure Statement was cited in the International Search Report of the corresponding PCT application not more than 3 months prior to the filing of this Information Disclosure Statement. In particular, the International Search Report was mailed on May 4, 2001.

Accordingly, the applicant submits that the Information Disclosure Statement is properly considered at this time.

The applicant does not have a translation for the non-English language reference cited in the Search Report. The undersigned's understanding of the relevance of the non-English language reference is based upon it being cited in the Search Report.

**(A) List of references**

A list of the patents and other publications of which the applicant is aware is set out in the attached PTO Form 1449 which is attached hereto.

**(B) Copies of References**

The applicant has attached hereto a copy of each of the references referred to in PTO Form 1449.

Yours truly,

A handwritten signature in cursive script, appearing to read "Bhupinder Randhawa".

Bhupinder S. Randhawa

/mm

Encl. # 47.276

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	09/985,976
Filing Date	November 7, 2001
First Named Inventor	Cornelisse
Group Art Unit	2643
Examiner Name	n/a
Attorney Docket Number	10494-49

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-4,118,604	10/03/1978	Yanick	
	2	US- 4,170,720	10/09/1979	Killion	
	3	US- 4,454,609	06/12/1984	Kates	
	4	US- 4,852,175	07/25/1989	Kates	
	5	US- 4,882,762	11/21/1989	Waldhauer	
	6	US- 4,888,810	12/19/1989	Preves	
	7	US- 4,941,179	07/10/1990	Bergensstoff et al.	
	8	US- 5,083,312	01/21/1992	Newton et al.	
	9	US- 5,500,902	03/19/1996	Stockham, Jr. et al.	
	10	US- 5,892,833	04/06/1999	Maag et al.	
	11	US- 6,072,885	06/06/2000	Stockham, Jr. et al.	
	12	US- 6,115,478	09/05/2000	Schneider	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	13	DE 196 24 092 A1	11-13-97	Siemens Audiologische Technik		

Examiner  
SignatureDate  
Considered

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

**Complete if Known**

Application Number	09/985,976
Filing Date	November 7, 2001
First Named Inventor	Cornelisse
Group Art Unit	2643
Examiner Name	n/a
Attorney Docket Number	10494-49

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	14	KUO S M ET AL., "Digital Hearing Aid with the Lapped Transform", Digital Signal Processing, US, Academic Press, Orlando, FL, vol. 3, no. 4, October 1, 1993, pages 228-239, XP00416430, ISSN:1051-2004, page 228, paragraph 1 - page 233, paragraph 1; Figures 1, 4-8.	
	15	CORNELISSE, Leonard E., SEEWALD, Richard C., JAMIESON, Donald G., "The input/output formula: A theoretical approach to the fitting of personal amplification devices", pages 1854 - 1864, J. Acoust. Soc. Am., Vol. 97, No. 3, March 1995	
	16	Patent Cooperation Treaty International Search Report for PCT/CA00/00434, filed 25/04/2000.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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